Task 7 (b) Solution of Lane-Emden equation, n=3, M=4E+30 kg,  $\rho_c$  = 1E+05 kg m<sup>-3</sup>, h=0.001,  $\mu$  = 1.4 5 <u>1e</u>7 4 Temperature T [K]  $\omega$ 0 3 Radius R [m] 1e8